

ABSTRACT OF THE DISCLOSURE

The present invention integrates Advanced Intelligent Network (AIN) and computer network technologies to provide telephone services. The system of the present invention comprises a gateway serving as an interface between a service control point (SCP) of an AIN and a computer network. The computer network is preferably the Internet. The SCP obtains call routing instructions from the subscriber of the present invention through a link during a communication session between the subscriber and the computer network. A trigger is provisioned on a subscriber's line. When a call for a telephone line having the provisioned trigger is detected at a service switching point (SSP), a query is launched to the SCP. A call processing request query comprising calling party information is provided to the gateway. The gateway obtains a response from the computer network containing call processing instructions. The call is processed in accordance with the response.

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